Amendments to the Claims

Please amend Claims 1, 8-15, and 22 as follows:

1.   (**Currently Amended**) A <u>computer</u> system <u>executing program code</u> for mapping values collected in connection with creation of end-user orders for communications services to corresponding inter-provider orders, <u>wherein the program code comprises</u> ~~comprising~~:

an end-user ordering module <u>configured</u> ~~operable~~ to:

display a service provider product catalog to an end user, wherein

the service provider product catalog comprises one or more service items, each corresponding to a service item type,

each service item type has a corresponding set of service specifications that describe the service item type,

one or more service items correspond to a corresponding local product item of one or more local product items available from an inter-provider ordering module,

each local product item corresponds to a local item type, <u>and</u>

each ~~of the one or more~~ local item ~~types~~ <u>type</u> has a corresponding set of local specifications that describe the local item type;

~~determine~~ <u>provide</u> one or more developer defined labels (DDLs) for each of the one or more service items that have a corresponding local product item, wherein

each DDL comprises a local specification from the set of local specifications that is missing from the set of service specifications;

determine whether an end-user requested service item relates to a service item type having at least one associated DDL<u>;</u>

if the requested service item relates to a service item type having at least one DDL, prompt the end-user for a value of each additional DDL-specified attribute in connection with creation of an end-user order for the requested service item; and

communicate the end-user order for use in subsequently creating a corresponding inter-provider order; and

Application No.: 09/760,096

the inter-provider ordering module coupled to the end-user ordering module and operable

to:

receive the end-user order;

determine whether the end-user order has a value for each additional DDL-

specified attribute; and

if the end-user order has a value for the additional DDL-specified attribute,

automatically map the value from the end-user order to an appropriate

field of the inter-provider order.

2.   (**Currently Amended**) The system of claim 1, wherein the inter-provider order comprises an industry standard Local Service Request <u>(LSR)</u>.

3.   (Original) The system of claim 2, wherein:

the requested service item is an unbundled port;

the additional DDL-specified attribute is selected from the group consisting of a Local

Existing Account Number (LEAN) and a Local Existing Account Telephone

Number (LEATN); and

the associated service item type is provided for mapping an unbundled port from an end-

user order to an LSR.

4.   (Original) The system of claim 2, wherein the DDL allows a developer of the end-user ordering module to provide for collection of additional attribute values in response to an industry mandated change in LSR format without necessitating the development of new software.

5.   (Original) The system of claim 2, wherein the value is automatically mapped to appropriate fields of multiple forms included within the LSR.

6.   (Original) The system of claim 1, wherein the end-user ordering module is operable to relate the requested service item to a product specification and relate the product specification to a service item type to determine whether the requested service item relates to a service item type having a DDL.

Application No.: 09/760,096

7.   (Original) The system of claim 1, wherein the end-user ordering module is further operable to validate that the value for the additional DDL-specified attribute has been supplied before communicating the end-user order.

8.   (**Currently Amended**) ~~Software~~ A data storage medium storing program code for mapping values collected in connection with creation of end-user orders for communications services to corresponding inter-provider orders, the ~~software embodied in a computer-readable storage medium and~~ program code, when executed by one or more computers, is configured ~~operable~~ to:

display a service provider product catalog to an end user, wherein

the service provider product catalog comprises one or more service items, each corresponding to a service item type,

each service item type has a corresponding set of service specifications that describe the service item type,

one or more service items correspond to a corresponding local product item of one or more local product items available from an inter-provider ordering module,

each local product item corresponds to a local item type, and

each ~~of the one or more~~ local item ~~types~~ type has a corresponding set of local specifications that describe the local item type;

~~determine~~ provide one or more developer defined labels (DDLs) for each of the one or more service items that have a corresponding local product item, wherein

each DDL comprises a local specification from the set of local specifications that is missing from the set of service specifications;

determine whether an end-user requested service item relates to a service item type having at least one associated DDL;

if the requested service item relates to a service item type having at least one DDL, prompt the end-user for a value of each additional DDL-specified attribute in connection with creation of an end-user order for the requested service item; and

provide the end-user order for use in subsequently creating the corresponding inter-provider order;

Application No.: 09/760,096

determine whether the end-user order has a value for each additional DDL-specified

attribute; and

if the end-user order has a value for the additional DDL-specified attribute, automatically

map the value from the end-user order to an appropriate field of the inter-provider

order.

9.   (**Currently Amended**) The ~~software~~ data storage medium of claim 8, wherein the inter-provider order comprises an industry standard Local Service Request (LSR).

10.   (**Currently Amended**) The ~~software~~ data storage medium of claim 9, wherein: the requested service item is an unbundled port; the additional DDL-specified attribute is selected from the group consisting of a Local Existing Account Number (LEAN) and a Local Existing Account Telephone Number (LEATN); and the associated service item type is provided for mapping an unbundled port from an end-user order to an LSR.

11.   (**Currently Amended**) The ~~software~~ data storage medium of claim 9, wherein the DDL allows a developer of the ~~software~~ program code to provide for collection of additional attribute values in response to an industry mandated change in LSR format without necessitating the development of new ~~software~~ program code.

12.   (**Currently Amended**) The ~~software~~ data storage medium of claim 9, wherein the value is automatically mapped to appropriate fields of multiple forms included within the LSR.

13.   (**Currently Amended**) The ~~software~~ data storage medium of claim 8, wherein the ~~software~~ program code, upon execution, is operable to relate the requested service item to a product specification and relate the product specification to a service item type to determine whether the requested service item relates to a service item type having a DDL.

14.   (**Currently Amended**) The ~~software~~ data storage medium of claim 8, wherein the program code, upon execution, ~~software~~ is further operable to validate that the value for the additional DDL-specified attribute has been supplied before providing the end-user order.

15.   (**Currently Amended**) A computer-implemented method of mapping values collected in connection with creation of end-user orders for communications services to corresponding inter-provider orders, the method comprising:

displaying a service provider product catalog to an end user, wherein

the service provider product catalog comprises one or more service items, each corresponding to a service item type,

each service item type has a corresponding set of service specifications that describe the service item type,

one or more service items correspond to a corresponding local product item of one or more local product items available from an inter-provider ordering module,

each local product item corresponds to a local item type, and

each ~~of the one or more~~ local item ~~types~~ type has a corresponding set of local specifications that describe the local item type;

~~determining~~ providing one or more developer defined labels (DDLs) for each of the one or more service items that have a corresponding local product item, wherein

each DDL comprises a local specification from the set of local specifications that is missing from the set of service specifications;

determining whether an end-user requested service item relates to a service item type having at least one associated DDL;

if the requested service item relates to a service item type having at least one DDL, prompting the end-user for a value of each additional DDL-specified attribute in connection with creation of an end-user order for the requested service item;

providing the end-user order for subsequent use in creating the corresponding inter-provider order;

determining whether the end-user order has a value for the additional DDL-specified attribute; and

if the end-user order has a value for the additional DDL-specified attribute, automatically mapping the value from the end-user order to an appropriate field of the inter-provider order.

16. (**Currently Amended**) The method of claim 15, wherein the inter-provider order comprises an industry standard Local Service Request (LSR).

17. (Original) The method of claim 16, wherein: the requested service item is an unbundled port; the additional DDL-specified attribute is selected from the group consisting of a Local Existing Account Number (LEAN) and a Local Existing Account Telephone Number (LEATN); and the associated service item type is provided for mapping an unbundled port from an end-user order to an LSR.

18. (Original) The method of claim 16, wherein the DDL allows a developer of software performing the method to provide for collection of additional attribute values in response to an industry mandated change in LSR format without necessitating the development of new software.

19. (Original) The method of claim 16, wherein the value is automatically mapped to appropriate fields of multiple forms included within the LSR.

20. (Original) The method of claim 15, wherein the requested service item is related to a product specification and the product specification is related to a service item type to determine whether the requested service item relates to a service item type having a DDL.

21. (Original) The method of claim 15, further comprising validating that the value for the additional DDL-specified attribute has been supplied before providing the end-user order.

22. (**Currently Amended**) A computer system containing executable program code for mapping values collected in connection with creation of end-user orders for communications services to corresponding inter-provider orders, wherein the program code comprises comprising:

    means for displaying a service provider product catalog to an end user, wherein

        the service provider product catalog comprises one or more service items, each

            corresponding to a service item type,

        each service item type has a corresponding set of service specifications that

            describe the service item type,

                    Application No.: 09/760,096

one or more service items correspond to a corresponding local product item of

one or more local product items available from an inter-provider ordering

module,

each local product item corresponds to a local item type, and

each ~~of the one or more~~ local item ~~types~~ type has a corresponding set of local

specifications that describe the local item type;

means for ~~determining~~ providing one or more developer defined labels (DDLs) for each

of the one or more service items that have a corresponding local product item,

wherein

each DDL comprises a local specification from the set of local specifications that

is missing from the set of service specifications;

means for determining whether an end-user requested service item relates to a service

item type having at least one associated DDL;

means for, if the requested service item relates to a service item type having at least one

DDL, prompting the end-user for a value of each ~~the~~ additional DDL-specified

attribute in connection with creation of an end-user order for the requested service

item;

means for providing the end-user order for use in subsequently creating a corresponding

inter-provider order;

means for determining whether the end-user order includes a value for each additional

DDL-specified attribute; and

means for, if the end-user order has a value for the additional DDL-specified attribute,

automatically mapping the value from the end-user order to an appropriate field of

the inter-provider order.

23-26. Canceled.

Please add the following new claims 27-30:

27. (New)   The system of claim 1, wherein determination of the value of a DDL-specified

attribute of a service item requested by the end-user is unnecessary to create the end-user order

for the requested service item, and wherein the end-user operating module is operable to prompt

Application No.: 09/760,096

the end-user for the value of each additional DDL-specified attribute despite lack of necessity of the value of each said additional DDL-specified attribute for the creation of the end-user order.

28. (New)   The data storage medium of claim 8, wherein determination of the value of a DDL-specified attribute of a service item requested by the end-user is unnecessary to create the end-user order for the requested service item, and wherein the program code, upon execution, is further operable to prompt the end-user for the value of each additional DDL-specified attribute despite lack of necessity of the value of each said additional DDL-specified attribute for the creation of the end-user order.

29. (New)   The method of claim 15, wherein determination of the value of a DDL-specified attribute of a service item requested by the end-user is unnecessary to create the end-user order for the requested service item, and wherein said prompting includes:

    prompting the end-user for the value of each additional DDL-specified attribute despite
        lack of necessity of the value of each said additional DDL-specified attribute for
        the creation of the end-user order.

30. (New)   The system of claim 22, wherein determination of the value of a DDL-specified attribute of a service item requested by the end-user is unnecessary to create the end-user order for the requested service item, and wherein said means for prompting includes means for prompting the end-user for the value of each additional DDL-specified attribute despite lack of necessity of the value of each said additional DDL-specified attribute for the creation of the end-user order.